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#1	((medium doped) and (second pump) and (energy level) and electron)<in>metadata)	0
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#6	((medium or gain) and (pump) and (energy level) and transition and electron)<in>metadata)	2
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	344	1 and electron	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 07:09
L6	4	((("5,594,747") or ("6,028,977"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/23 07:26
L5	41	3 and manifold	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 07:26
L7	2	("20050047466").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/23 08:40
L4	41	2 and manifold	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 08:40
L8	139	1 and (electron near2 energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 08:54
L2	511	1 and electron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 08:54
L12	2	((crystal or medium or active or gain) near3 dop\$4) and pump\$5 and (energy near2 level near3 manifold) and (electron near2 energy)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 08:55
L11	2	laser and ((crystal or medium or active or gain) near3 dop\$4) and pump\$5 and (energy near2 level near3 manifold) and (electron near2 energy)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 08:55
L10	2	laser and ((crystal or medium or active or gain) near3 dop\$4) and pump\$5 and (energy near2 level near3 manifold) and ions and (electron near2 energy)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 08:55
L9	104	laser and ((crystal or medium or active or gain) near3 dop\$4) and pump\$5 and (energy near2 level) and ions and (electron near2 energy)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 08:55
L1	904	laser and ((crystal or medium or active or gain) near3 dop\$4) and pump\$5 and (energy near2 level) and ions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 08:55

L13	2	((crystal or medium or active or gain) near3 dop\$4) and pump\$5 and (energy near2 level with manifold) and (electron near2 energy)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 08:56
L14	4	((crystal or medium or active or gain) near3 dop\$4) and pump\$5 and (energy near2 level with manifold) and (electron near2 energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 09:27
L16	80	((crystal or medium or active or gain) near5 dop\$4) and (pump\$5 near3 (second or array or plural\$4 or multi\$4)) and (energy near2 level) and (electron same transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 09:43
L17	48	((crystal or medium or active or gain) near5 dop\$4) and (pump\$5 near3 (second or array or plural\$4 or multi\$4)) and (energy near2 level) and (electron WITH transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 09:44
L18	115	(crystal or medium or active or gain) and (pump\$5 near3 (second or array or plural\$4 or multi\$4)) and (energy near2 level) and (electron WITH transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 09:58
L19	68	(crystal or medium or active or gain) and (pump\$5 near2 second) and (energy near2 level) and (electron WITH transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 10:06
L20	34	((crystal or medium or active or gain) near5 dop\$4) and (pump\$5 near2 second) and (energy near2 level) and (electron WITH transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 10:08
L21	844	((multi\$4 near3 wavelength) same pump\$4 same laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 10:09
L25	5	((multi\$4 near3 wavelength) same pump\$4 same laser) and (crystal or medium or active or gain) and (energy near2 level) and (electron near2 transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 10:11
L27	18	("5166948" "5200966" "5274658" "5295146" "5341389" "5708672" "5734669" "5754333" "5802086" "5854802" "6125129" "6130902" "6154472" "6269108" "6304584" "6370180").PN. OR ("6587496").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/23 10:12
L26	15	((multi\$4 near3 wavelength) same pump\$4 same laser) and (crystal or medium or active or gain) and (energy near2 level) and (electron with transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 10:13
L31	1	((("940" near2 nm) near2 pump\$4) and (("1540" near2 nm) near3 pump\$4) and (crystal or medium or gain or active) and (energy near3 level) and electron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 10:31

L33	3	(nm near2 pump\$4 near2 second) and (crystal or medium or gain or active) and (energy near3 level) and (electron with transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 10:32
L32	0	((("980" near2 nm) near2 pump\$4 near2 second) and (crystal or medium or gain or active) and (energy near3 level) and (electron with transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 10:32
L34	3	((nm or nanometer) near2 pump\$4 near2 second) and (crystal or medium or gain or active) and (energy near3 level) and (electron with transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 10:36
L30	2	(multi\$4 near3 wavelength) and (second near2 pump\$4) and (crystal or medium or active or gain) and (third near4 energy near2 level) and (electron with transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 11:02
L29	8	(multi\$4 near3 wavelength) and pump\$4 and (crystal or medium or active or gain) and (third near4 energy near2 level) and (electron with transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 11:02
L28	1	((multi\$4 near3 wavelength) same pump\$4 same laser) and (crystal or medium or active or gain) and (third near4 energy near2 level) and (electron with transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 11:05
L24	12	((multi\$4 near3 wavelength) same pump\$4 same laser) and (crystal or medium or active or gain) and (energy near2 level) and (electron near2 energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 11:05
L35	25	(second near2 pump\$4) and (crystal or medium or active or gain) and (third near4 energy near2 level)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 11:06
L36	0	("2005/0047466").URPN.	USPAT	AND	ON	2005/09/23 11:21
L37	4	((crystal or medium or gain or active) with (yttrium near1 aluminum)) and (energy near2 level) and (diode near2 (second or array or plural\$4 or multi\$4)) and (erbium near2 fiber) and (Q near2 switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 11:24
L38	2	((crystal or medium or gain or active) with (yttrium near1 aluminum)) and (energy near2 level) and (diode near2 (second or array or plural\$4 or multi\$4)) and (erbium near2 fiber near2 (pump\$4 or laser)) and (Q near2 switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 11:25
L41	5	((crystal or medium or gain or active) with (yttrium near1 aluminum)) and (energy near2 level) and (diode near2 (second or array or plural\$4 or multi\$4 or bar or bars)) and (erbium near2 fiber near2 laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 11:28

L40	5	((crystal or medium or gain or active) with (yttrium near1 aluminum)) and (energy near2 level) and (diode near2 (second or array or plural\$4 or multi\$4)) and (erbium near2 fiber near2 laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 11:28
L39	12	((crystal or medium or gain or active) with (yttrium near1 aluminum)) and (energy near2 level) and (diode near2 (second or array or plural\$4 or multi\$4)) and (erbium near2 fiber near2 (pump\$4 or laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 11:32
L42	15	((crystal or medium or gain or active) with (yttrium near1 aluminum)) and (energy near2 level) and (diode near2 (second or array or plural\$4 or multi\$4)) and ((erbium or ER) near2 fiber near2 (pump\$4 or laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 11:43
L43	9	("20020101893" "5123026" "5173911" "5227913" "5359616" "5402434" "5557624" "6002704" "6373865").PN. OR ("6891878").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/23 11:53
L44	19	("6,373,865" or ("6,002,704") or ("2002101893") or ("5,123,026") or ("5,227,913") or ("5,557,624") or ("5,173,911") or ("5,402,434") or ("5,359,616")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/23 11:59
L15	241	((crystal or medium or active or gain) near5 dop\$4) and (pump\$5 near3 (second or array or plural\$4 or multi\$4)) and (energy near2 level) and electron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:02
L45	154	(medium or gain or crystal) and (pump\$5) and (erbium near2 fiber) and ((q near2 switch\$3) or Q-switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:07
L48	10	46 and 47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:08
L46	12	(medium or gain or crystal) and (pump\$5) and ((erbium or Er) near2 fiber) and ((q near2 switch\$3) or Q-switch\$3) and (transit\$4 near3 (electron or energy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:08
L47	80	(medium or gain or crystal) and (pump\$5) and ((erbium or Er) near2 fiber) and ((q near2 switch\$3) or Q-switch\$3) and (energy near3 level)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:16
L49	33	(medium or gain or crystal) and (pump\$5) and ((erbium or Er) near2 fiber) and ((q near2 switch\$3) or Q-switch\$3) and (energy near3 level) and electron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:40
L50	38	(medium or gain or crystal) and ((pump\$5 laser or lasing) near2 second) and ((q near2 switch\$3) or Q-switch\$3) and (energy near3 level) and electron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:41

L52	129	(medium or gain or crystal) and ((pump\$5 laser or lasing) near2 second) and (energy near2 level) and electron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:42
L57	3	(medium or gain or crystal) and (pump\$5 laser or lasing) and ((erbium or Er) near2 fiber) and ((q near2 switch\$3) or Q-switch\$3) and electron.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:55
L56	1	(medium or gain or crystal) and ((pump\$5 laser or lasing) near2 second) and ((erbium or Er) near2 fiber) and ((q near2 switch\$3) or Q-switch\$3) and electron.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:55
L53	37	(medium or gain or crystal) and ((pump\$5 laser or lasing) near2 second) and (energy near2 level) and (electron with transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:55
L51	7	(medium or gain or crystal) and ((pump\$5 laser or lasing) near2 second) and ((erbium or Er) near2 fiber) and ((q near2 switch\$3) or Q-switch\$3) and electron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:55
L55	5	(medium or gain or crystal) and ((pump\$5 laser or lasing) near2 second) and (energy near2 level) and (electron with transit\$4). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 13:56
L54	3	(medium or gain or crystal) and ((pump\$5 laser or lasing) near2 second) and (third near2 energy near2 level) and (electron with transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 14:26

L59	304	(("5502737") or ("4987575") or ("5351259") or ("5461635") or ("4490822") or ("4577930") or ("4809283") or ("4841530") or ("5249196") or ("5295144") or ("5367377") or ("5539759") or ("5673281") or ("5687185") or ("5818400") or ("5838710") or ("5889808") or ("6021140") or ("6026102") or ("6055815") or ("6064684") or ("6094405") or ("6210804") or ("6210804") or ("6236666") or ("3627422") or ("3617939") or ("3614662") or ("3590266") or ("3833862") or ("3831106") or ("3805188") or ("4276519") or ("4286232") or ("4328468") or ("4346965") or ("4370030") or ("4371965") or ("4375684") or ("4377864") or ("4413342") or ("4418413") or ("4445218") or ("4458350") or ("4473433") or ("4532619") or ("4599727") or ("4617666") or ("4629649") or ("4764930).pn.") or ("4766585") or ("4803688") or ("4807241") or ("4884277") or ("4901324") or ("4907235") or ("4933243") or ("4933947") or ("4948753") or ("4963507") or ("5005176") or ("5012473") or ("5018153") or ("5023877") or ("5045753") or ("5204870") or ("5223355") or ("5230004") or ("5245618") or ("5268912") or ("5272114") or ("5276701") or ("5278011") or ("5278852") or ("5298718") or ("5308804") or ("5317666") or ("5319481") or ("5343216") or ("5346740") or ("5377217") or ("5381427") or ("5386428") or ("5392181") or ("5434686") or ("5436193") or ("5453346") or ("5471490") or ("5471493") or ("5488597") or ("5495494") or ("5504767") or ("5557625") or ("5561678") or ("5572375") or ("5574811") or ("5608716") or ("5626991") or ("5627849") or ("5642193).pn.") or ("5675436") or ("5680412") or ("5703890") or ("5719845") or ("5732100") or ("5734457") or ("5751749") or ("5754333") or ("5777348") or ("5796762") or ("5832020") or ("5832010") or ("5850407") or ("5864399") or ("5867519") or ("5867518") or ("5898717") or ("5903347") or ("5905747") or ("5936983") or ("5974061") or ("5982797") or ("5999553") or ("6014393") or ("6014391") or ("6023479") or ("6047012") or ("6055260") or ("6057871") or ("6061370") or ("6061370") or ("6067392") or ("6072815") or ("6075765") or ("6122429") or ("6156590") or ("6177292") or ("6185231") or ("6185236") or ("6204154") or ("6215928") or ("6221118") or ("6215928") or ("6229829") or ("6240113") or ("6268385") or ("6270950") or ("6282226") or ("6291151") or ("6295256).pn.")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/23 14:39
L58	4	(medium or gain or crystal) and ((pump\$5 laser or lasing) near2 second) and (third near2 energy near2 level) and (electron SAME transit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/23 14:39